

10/031 410 LLM

4/23/07

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"6093557".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 16:26
L2	197	electrofus\$3 same (electrode or microelectrode or (capillary adj electrode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 17:22
L3	33	L2 and (microchip or chip)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 17:19
L4	1	electrofus\$3 same ((electrode or microelectrode or (capillary adj electrode)) near7 hollow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 17:22
L5	29	electrofus\$3 and((electrode or microelectrode or (capillary adj electrode)) near7 hollow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 17:24
L6	11	L5 and @ad<"19990730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 17:24
L7	18	vitro and electrofus\$3 and((electrode or microelectrode or (capillary adj electrode)) near7 hollow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 17:24
L8	5	L7 and @ad<"19990730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 17:26
L9	2	(vitro same electrofus\$3) and((electrode or microelectrode or (capillary adj electrode)) near7 hollow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 17:25

## EAST Search History

L10	2	(vitro same electrofus\$3) and((electrode or microelectrode or micropipette or (capillary adj electrode)) near7 hollow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 17:26
L11	29	( electrofus\$3) and((electrode or microelectrode or micropipette or (capillary adj electrode)) near7 hollow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 17:26
L12	9	L11 and (electroendoosmosis or electrophore\$\$ or Poiseuille)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 17:26
L13	1	L12 and @ad<"19990730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 17:29
L14	2	L11 and (optical adj trap\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 17:27
L15	2	L11 and (fusogenic adj agent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 17:28
L16	4	L11 and ((tumor or cancer) adj treatment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 17:28
L17	0	L16 and @ad<"19990730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 17:28
L18	12	L11 and (ex adj vivo)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 17:28
L19	2	L18 and @ad<"19990730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 17:29

## EAST Search History

L20	0	L11 and ((in adj vitro adj fertilization) or IvF)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 17:29
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10/031,416 LLM  
Dialog 4/23/2007

? s s5 and (optical (w) (trap or trapping))  
21 S5  
1420032 OPTICAL  
198320 TRAP  
196648 TRAPPING  
4915 OPTICAL(W) (TRAP OR TRAPPING)  
S10 0 S S5 AND (OPTICAL (W) (TRAP OR TRAPPING))

? s s5 and (fusogenic (w) agent)  
21 S5  
7316 FUSOGENIC  
3167881 AGENT  
102 FUSOGENIC(W)AGENT  
S11 0 S S5 AND (FUSOGENIC (W) AGENT)

? d s  
Set Items Description  
S1 1 S ( ELECTROFUS??) AND (((ELECTRODE OR MICROELECTRODE) (7N) HOLLOW) OR  
MICROPIPETTE OR (CAPILLARY (W) ELECTRODE))  
S2 11 S ( ELECTROFUS??) AND (((ELECTRODE OR MICROELECTRODE) ) OR MICROPIPETTE OR  
(CAPILLARY (W) ELECTRODE))  
S3 243 S ( ELECTROFUS?? OR (CELL (3N) FUSION)) AND (((ELECTRODE OR  
MICROELECTRODE) ) OR MICROPIPETTE OR (CAPILLARY (W) ELECTRODE))  
S4 28 S ( ELECTROFUS?? OR (CELL (3N) FUSION)) AND (((ELECTRODE OR  
MICROELECTRODE) (7N) HOLLOW) OR MICROPIPETTE OR (CAPILLARY (W) ELECTRODE))  
S5 21 RD (unique items)  
S6 0 S S5 AND (MICROCHIP OR CHIP)  
S7 0 S S5 AND (ELECTROENDOSMOSIS OR ELECTROPHORE?? OR POISEUILLE)  
S8 0 S S5 AND ((TUMOR OR CANCER) (W) TREATMENT)  
S9 1 S S5 AND (( VITRO (W) FERTILIZATION) OR IVF)  
S10 0 S S5 AND (OPTICAL (W) (TRAP OR TRAPPING))  
S11 0 S S5 AND (FUSOGENIC (W) AGENT)

?

[File 369] **New Scientist** 1994-2007/Dec W2  
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[File 370] **Science** 1996-1999/Jul W3  
(c) 1999 AAAS. All rights reserved.  
*\*File 370: This file is closed (no updates). Use File 47 for more current information.*

[File 391] **Beilstein Reactions** 2007/Q1  
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[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec  
(c) 2006 The Thomson Corp. All rights reserved.

[File 467] **ExtraMED(tm)** 2000/Dec  
(c) 2001 Informania Ltd. All rights reserved.

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? s ( electrofus??) and (((electrode or microelectrode) (7n) hollow) or micropipette or
(capillary (w) electrode))
      594 ELECTROFUS??
      464084 ELECTRODE
      45144 MICROELECTRODE
      89104 HOLLOW
      426 (ELECTRODE OR MICROELECTRODE) (7N) HOLLOW
      8891 MICROPIPETTE
      489261 CAPILLARY
      464084 ELECTRODE
      172 CAPILLARY(W) ELECTRODE
S1      1 S ( ELECTROFUS??) AND (((ELECTRODE OR MICROELECTRODE) (7N) HOLLOW) OR
MICROPIPETTE OR (CAPILLARY (W) ELECTRODE))
```

? t s1

1/2/1 (Item 1 from file: 144) **Links**

Fulltext available through: [American Chemical Society](#) [USPTO Full Text Retrieval Options](#)  
Pascal  
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15103679 PASCAL No.: 01-0264047

Nanoengineered structures for holding and manipulating liposomes and  
cells

WILSON Clyde F; SIMPSON Garth J; CHIU Daniel T; STROEMBERG  
Anette; ORWAI Owe; RODRIGUEZ Nestor; ZARE Richard N  
Department of Chemistry, Stanford University, Stanford, California  
94305-5080, United States; Department of Chemistry, Goteborg University,  
Goeteborg, 41296, Sweden  
Journal: Analytical chemistry : (Washington, DC)  
, 2001, 73 (4)

) 787-791  
ISSN: 0003-2700 CODEN: ANCHAM Availability: INIST-120B;  
354000098660300100  
Document Type: P (Serial) ; A (Analytic)  
Country of Publication: United States  
Note: ref. et notes dissem.  
Language: English

English Descriptors: Pipette; Micromanipulation; Liposome; Isolated cell;  
Nanotechnology

Broad Descriptors: Artificial membrane; Membrane artificielle; Membrana  
artificial

French Descriptors: Pipette; Micromanipulation; Liposome; Cellule isolee;  
Nanotechnologie; **Micropipette**

Classification Codes: 002A04B

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? S ( ELECTROFUS??) AND (((ELECTRODE OR MICROELECTRODE) ) OR MICROPIPETTE OR (CAPILLARY (W) ELECTRODE))

594 ELECTROFUS??

464084 ELECTRODE

45144 MICROELECTRODE

8891 MICROPIPETTE

489261 CAPILLARY

464084 ELECTRODE

172 CAPILLARY(W)ELECTRODE

S2 11 S ( ELECTROFUS??) AND (((ELECTRODE OR MICROELECTRODE) ) OR MICROPIPETTE OR (CAPILLARY (W) ELECTRODE))

? S ( ELECTROFUS?? or (cell (3n) fusion)) AND (((ELECTRODE OR MICROELECTRODE) ) OR MICROPIPETTE OR (CAPILLARY (W) ELECTRODE))

Processing

Processing

594 ELECTROFUS??

14580720 CELL

830107 FUSION

62950 CELL(3N)FUSION

464084 ELECTRODE

45144 MICROELECTRODE

8891 MICROPIPETTE

489261 CAPILLARY

464084 ELECTRODE

172 CAPILLARY(W)ELECTRODE

S3 243 S ( ELECTROFUS?? OR (CELL (3N) FUSION)) AND (((ELECTRODE OR MICROELECTRODE) ) OR MICROPIPETTE OR (CAPILLARY (W) ELECTRODE))

? S ( ELECTROFUS?? OR (CELL (3N) FUSION)) AND (((ELECTRODE OR MICROELECTRODE) (7N) HOLLOW) OR MICROPIPETTE OR (CAPILLARY (W) ELECTRODE))

Processing

Processing

594 ELECTROFUS??

14580720 CELL

830107 FUSION

62950 CELL(3N)FUSION

464084 ELECTRODE

45144 MICROELECTRODE

89104 HOLLOW

426 (ELECTRODE OR MICROELECTRODE)(7N)HOLLOW

8891 MICROPIPETTE

489261 CAPILLARY

464084 ELECTRODE

172 CAPILLARY(W)ELECTRODE

S4 28 S ( ELECTROFUS?? OR (CELL (3N) FUSION)) AND (((ELECTRODE OR MICROELECTRODE) (7N) HOLLOW) OR MICROPIPETTE OR (CAPILLARY (W) ELECTRODE))

? rd

>>W: Duplicate detection is not supported for File 391.

Records from unsupported files will be retained in the RD set.

S5 21 RD (UNIQUE ITEMS)

? s s5 and (microchip or chip)

21 S5

11877 MICROCHIP  
129651 CHIP

S6 0 S S5 AND (MICROCHIP OR CHIP)

? s s5 and (electroendoosmosis or electrophore?? or Poiseuille)  
21 S5  
16 ELECTROENDOOSMOSIS  
73496 ELECTROPHORE??  
7365 POISEUILLE

S7 0 S S5 AND (ELECTROENDOOSMOSIS OR ELECTROPHORE?? OR POISEUILLE)

? s s5 and ((tumor or cancer) (w) treatment)  
Processing  
Processing  
21 S5  
4163721 TUMOR  
4447147 CANCER  
11144787 TREATMENT  
65528 (TUMOR OR CANCER)(W)TREATMENT

S8 0 S S5 AND ((TUMOR OR CANCER) (W) TREATMENT)

? s s5 and ((in (w) vitro (w) fertilization) or IvF)  
Processing  
Processing  
Processing  
Processing  
Processing  
Processing  
Processing  
Stop request submitted  
>>>P: Processing stopped

? s s5 and (( vitro (w) fertilization) or IvF)  
21 S5  
4587595 VITRO  
368381 FERTILIZATION  
72065 VITRO(W)FERTILIZATION  
53079 IVF

S9 1 S S5 AND (( VITRO (W) FERTILIZATION) OR IVF)

? t s9/medium  
9/3/1 (Item 1 from file: 135) Links  
NewsRx Weekly Reports  
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0000049292 (USE FORMAT 7 OR 9 FOR FULLTEXT)

New Technique One Day May Help Women Have Own Genetic Baby from Donor Egg

Women's Health Weekly, May 27, 2000, p.3-4

DOCUMENT TYPE: Expanded Reporting LANGUAGE: English  
RECORD TYPE: FULLTEXT